

IN THE SPECIFICATION:

On page 1, before line 2, please add section heading:

-- FIELD AND BACKGROUND OF THE INVENTION --

On page 2, before line 15, please add section heading:

-- SUMMARY OF THE INVENTION --

On page 5, before line 16, please add section heading:

-- BRIEF DESCRIPTION OF THE DRAWINGS --

Please correct the paragraph starting on page 5, line 16, to read:

-- Figure 1 shows a section through a ball bearing. ~~Between outer race 1 and inner race 2, disposed coaxially with respect to it, are disposed bearing balls 6, which are guided by means of the ball bearing cage 3 and held spaced apart from one another. At the lower end of the figure the rotational axis is indicated. In this embodiment example the ball bearing cage 3 is developed as a crown cage. It is understood that developing the cage 3 as a solid cage is also possible. On the left side of the ball bearing a retaining ring 5 is provided, with a cover disk disposed next to it.~~ --

On page 5, after line 22, please add section heading:

-- DETAILED DESCRIPTION OF THE INVENTION --

On page 5, before line 23, please add the following paragraph:

-- Between outer race 1 and inner race 2, disposed coaxially with respect to it, are

disposed bearing balls 6, which are guided by means of the ball bearing cage 3 and held spaced apart from one another. At the lower end of the figure the rotational axis is indicated. In this embodiment example the ball bearing cage 3 is developed as a crown cage. It is understood that developing the cage 3 as a solid cage is also possible. On the left side of the ball bearing a retaining ring 5 is provided, with a cover disk 4 disposed next to it. – –

Please correct the paragraph starting on page 5, line 23, to read:

– – The ball bearing cage 3 is entirely comprised of composite material comprising epoxide resin and synthetic fibers arranged as a fibrous web. If it is assumed that the outer race is fixed and the inner race 2 rotates at a rotational speed of 500,000 rotations per minute, then the balls 6 rotate about their own axis at a rotational speed of approximately 1,000,000 rotations per minute (factor 2), with the ball bearing cage 3 rotating about the rotational axis at a rotational speed of approximately 200,000 rotations per minute (factor 0.4). Onto the ball bearing cage 3 act enormous forces since it is continuously in contact with the rapidly rotating balls 6, the fixed outer race 1, as well as the rapidly rotating inner race 2. The ball bearing cage 3 comprised of epoxide resin as well as fibers is able to withstand these loadings and, if it is needed, outputs through the fibers lubricant to the balls and/or the outer race 1 or the inner race 2. Due to these so-called properties of being capable of operating after a lubrication system failure, the service life of the entire ball bearing is significantly increased. – –